

ABSTRACT

5 The present invention provide a method for
assessing the sensitivity to a pyrimidine drug such as 5-
FU which is degraded in the pyrimidine metabolic pathway,
specifically in vivo pyrimidine metabolizing activity, of
an individual subject; and a preparation useful for the
assessment. The present invention can be carried out by:
administering a preparation comprising as an active
10 ingredient a pyrimidine compound or its metabolite which
acts as a substrate for a pyrimidine metabolizing enzyme,
in which compound or metabolite at least one of C, O and N
is labeled with an isotope; and assessing in vivo
pyrimidine metabolizing activity based on the amount of
15 excreted metabolite.

00923434-11901